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|     |             |  |

Application/Control No.

10/743,349 Examiner

Meagan S. Walling

Applicant(s)/Patent under Reexamination

CASPER ET AL.

Art Unit

2863

| <b>√</b> | Rejected |
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| 11       | Δllowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| 1 | Interference |

| Α | Appeal   |
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|          |          |          | L  |          |  |              | J  |  |  |          |   |              |          |          |   |          |         |          | -  | <b>'</b> |  |  |   |          |
|----------|----------|----------|--|----------|--|--------------|--|--|--|----------|---|--------------|----------|----------|---|----------|---------|----------|--|----------|--|--|---|----------|
| Cla      | aim      |          |  |          |  | Date         | е  |  |  |          |   | Cla          | aim      |          |   |          |         | Date     | 3  |          |  |  | ] | CI       |
| Final    | Original | 8/17/06  |  |          |  |              |  |  |  |          |   | Final        | Original |          |   |          |         |          |  |          |  |  |   | Final    |
| -        | 1        | ┢        | ┝  |          |  |              |  | $\vdash$   | H  | -        |   |              | 51       |          |   |          | _       |          | _  | -        | <del>                                     </del> | $\vdash$   | 1 |          |
|          | 2        | =        | ├  |          |  | 1            |  |  |  |          |   |              | 52       |          |   | -        |         |          | _  | -        |  | -  |   |          |
|          | 3        | =        | $\vdash$   |          | _  |              |  |  |  |          | 1 |              | 53       |          |   |          | _       |          |  | Т        | _  |  | i |          |
|          | 4        | =        | $\vdash$   |          |  | <u> </u>     |  |  |  |          |   |              | 54       |          |   |          |         |          |  |          | _  | _  |   |          |
|          | 5        | =        |  |          |  |              | $\vdash$   |  | _  |          | 1 |              | 55       |          |   |          |         |          |  |          |  |  |   |          |
|          | 6        | =        |  |          |  |              |  |  |  |          | 1 |              | 56       |          |   |          |         |          |  |          |  |  | 1 |          |
|          | 7        | =        |  |          |  |              |  |  |  |          | 1 |              | 57       |          |   |          |         |          |  |          |  |  | 1 |          |
|          | 8        |          |  |          |  |              |  |  |  |          | 1 |              | 58       |          |   |          |         |          |  |          |  |  |   |          |
|          | 9        | =        |  |          |  |              |  |  |  |          |   |              | 59       |          |   |          |         |          |  |          |  |  | ] |          |
|          | 10       | =        |  |          |  |              |  |  |  |          |   |              | 60       |          |   |          |         |          |  |          |  |  | ] |          |
|          | 11       | 1        |  |          |  |              |  |  |  |          | 1 |              | 61       |          |   |          |         | لـــا    |  |          | L_   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     | 1 |          |
|          | 12       | <b>√</b> | _  | <u> </u> |  |              | <u> </u>   | <u> </u>   | $oxed{oxed}$                                     | <u> </u> |   |              | 62       |          |   |          |         | Щ.       |  | L        | <u> </u>   | <u> </u>   | 1 | <u></u>  |
|          | 13       | √        | <u> </u>   | _        |  |              | <u> </u>   |  |  |          |   |              | 63       |          |   |          |         |          |  | <u> </u> | <u> </u>   | L_   | 1 |          |
|          | 14       | 1        | <u> </u>   |          | <u> </u>   | _            | _  |  | L  | _        |   |              | 64       |          |   |          |         |          |  |          | _  | <u> </u>   |   | L        |
|          | 15       | 1        |  |          | _  | _            | _  | -  |  |          |   |              | 65       | -        |   |          |         |          | _  |          | <u> </u>   | <u> </u> _                                       | ļ | ļ        |
|          | 16       | 0        | _  | <u> </u> | ļ  | <u> </u>     | -  | <u> </u>   | L  | ┝        | 1 | <u> </u>     | 66       |          |   |          |         |          |  | _        | <u> </u>   | _  | - | ļ        |
|          | 17       | 0        | <u> </u>   | ├        | <u> </u>   | <del> </del> |  | <u> </u>   | <u> </u>   | ┝        | 1 |              | 67       |          |   |          |         |          |  |          | ┢  | <u> </u>   | - |          |
|          | 18       |          | -  | ⊢        | ⊢  | -            |  | -  | ⊢  | ┝        | ł | <u> </u>     | 68       |          |   |          |         |          | _  |          |  | $\vdash$   | 1 |          |
|          | 19       | 1        |  | ⊢        | ⊢  | ├            | -  | <del>                                     </del> | ⊢  | ⊢        | } | <u> </u>     | 69<br>70 |          |   |          |         | -        |  |          | ┢  | ⊢  | } |          |
|          | 20<br>21 | _        |  | ┢        |  | ├            |  | $\vdash$   | $\vdash$   | $\vdash$ | ł | <del> </del> | 71       | -        | - |          |         |          | <u> </u>   | $\vdash$ | ├  |  | 1 | -        |
|          | 22       |          | _  | ┢        |  | ├─           |  |  | $\vdash$   | _        | 1 |              | 72       |          |   |          |         |          | $\vdash$   | $\vdash$ | ├─   |  | 1 | <u> </u> |
| -        | 23       | 1        |  |          | ├  | ╁            | $\vdash$   | $\vdash$   | $\vdash$   | ⊢        | ł |              | 73       |          |   |          |         |          |  | -        |  |  | 1 | <u> </u> |
| $\vdash$ | 24       | 1        | _  | ├─       | <del> </del>                                     | $\vdash$     | $\vdash$   |  |  |          | 1 | <del> </del> | 74       | -        |   |          |         |          | $\vdash$   | -        |  | _  | † | -        |
|          | 25       | <u> </u> | -  | ┢        |  | $\vdash$     |  | $\vdash$   |  |          | 1 |              | 75       |          |   |          |         |          |  | $\vdash$ | ├─   |  | 1 |          |
|          | 26       | 1        | -  | -        |  | ╁╌           |  |  |  |          | 1 |              | 76       | $\neg$   |   |          |         |          |  | $\vdash$ | 一  | $\vdash$   | 1 |          |
|          | 27       | V        |  |          |  | l            |  |  |  |          | 1 |              | 77       |          |   |          |         |          | Г  |          | Т  |  | 1 |          |
|          | 28       | 1        |  |          |  |              |  |  | Г  |          |   |              | 78       |          |   |          |         |          | $\Box$   | _        |  |  | 1 |          |
|          | 29       | 1        |  |          |  |              |  |  | П  |          | 1 |              | 79       |          |   |          |         |          |  |          |  |  | 1 |          |
|          | 30       | <b>V</b> |  |          |  |              |  |  |  |          | ] |              | 80       |          |   |          |         |          |  |          |  |  | ] |          |
|          | 31       | =        |  |          |  |              |  |  |  |          |   |              | 81       |          |   |          |         |          |  |          |  |  | ] |          |
|          | 32       | =        |  |          |  |              |  |  |  |          |   |              | 82       |          |   |          |         |          |  |          |  |  |   |          |
|          | 33       | =        |  |          |  | ļ            |  |  |  |          |   |              | 83       |          |   |          |         |          |  |          |  |  |   |          |
|          | 34       | =        |  |          |  | L.           |  |  |  | _        |   |              | 84       |          |   |          |         |          |  |          | _  |  | 1 |          |
|          | 35       | A        | <u>.</u>   | _        | L  | <u> </u>     | <u> </u>   |  |  | _        | ļ |              | 85       |          |   | _        |         |          |  | _        | _  |  | - |          |
|          | 36_      | ļ        |  |          |  | _            | ļ  | <u> </u>   |  |          |   |              | 86       |          |   |          |         |          |  |          | ┞  | _  |   |          |
|          | 37       | <u> </u> | <u> </u>   | <u> </u> | <del> </del>                                     | <u> </u>     | <u> </u>   | <u> </u>   | ₩  | 1        | 1 |              | 87       |          |   | $\vdash$ |         | <u> </u> | <u> </u>   | -        | -  |  | 1 | <u></u>  |
|          | 38       | <u> </u> | <u> </u>   | <u> </u> | <u> </u>   | _            | <u> </u>   | $\vdash$   | ₩  | ـــــ    | 1 | <u> </u>     | 88       | Н        |   | $\vdash$ |         | <u> </u> |  | -        |  | -  | 1 |          |
| -        | 39       |          | ├  | $\vdash$ | $\vdash$   | $\vdash$     | <u> </u>   | $\vdash$   | $\vdash$   | -        | ł |              | 89       | Н        | H | $\vdash$ |         |          |  | -        | ├  | <del> </del>                                     | 1 |          |
|          | 40       | -        | <del> </del>                                     | $\vdash$ | -  | $\vdash$     | -  | $\vdash$   | $\vdash$   | $\vdash$ | 1 | <u> </u>     | 90<br>91 | Н        | - | H        | _       |          | ├  | -        | ├-   | ├-   | 1 |          |
|          | 41       |          | $\vdash$   | $\vdash$ | ⊢  | -            | -  | $\vdash$   | -  | ├        | 1 |              | 92       | $\vdash$ |   | $\vdash$ |         | ├        | -  | -        | +-   |  | 1 | -        |
|          | 43       | $\vdash$ | $\vdash$   | $\vdash$ | -  | $\vdash$     | <del>  -                                    </del> | $\vdash$   | -  | $\vdash$ | 1 | -            | 93       | Н        | - | $\vdash$ |         | -        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | 1 | -        |
|          | 44       | -        | <del>                                     </del> | -        | -  | H            | $\vdash$   | $\vdash$   | -  | -        | 1 |              | 94       | $\vdash$ |   | -        | <b></b> |          |  | -        | $\vdash$   | <del>                                     </del> | 1 |          |
| -        | 45       | $\vdash$ | $\vdash$   | $\vdash$ | T  | <u> </u>     | $\vdash$   | $\vdash$   | <del>                                     </del> |          | 1 | <u> </u>     | 95       |          | - | $\vdash$ |         |          | <del>                                     </del> | $\vdash$ | $\vdash$   | <u> </u>   | 1 |          |
|          | 46       |          | $\vdash$   | t        | <del>                                     </del> | t            | <del>                                     </del>   | Г  |  |          | 1 |              | 96       |          |   |          |         | <u> </u> | Т  | T        | T  | <u> </u>   | 1 |          |
|          | 47       |          | <u> </u>   |          | T  | T            |  | П  |  | Г        | 1 |              | 97       | П        |   | $\vdash$ | _       |          |  | Г        |  |  | 1 |          |
|          | 48       | 1        |  |          |  | Γ            | T  |  |  |          | 1 |              | 98       |          |   | Т        |         |          |  |          |  |  | 1 |          |
|          | 49       |          |  |          |  |              |  |  |  |          | ] |              | 99       |          |   |          |         |          |  |          |  |  | ] |          |
|          | 50       |          |  |          | Г  |              |  |  |  |          | ] |              | 100      |          |   |          |         |          |  | Г        |  | Г  |   |          |

| Cli  | Date   |  |          |  |  |  |  |              |          |                 |  |
|--|--|--|----------|--|--|--|--|--------------|----------|-----------------|--|
| Final  | Original   |  |          |  |  |  |  |              |          |                 |  |
|  | 101  |  |          |  |  |  |  |              |          |                 |  |
|  | 102  | i  |          |  |  |  |  |              |          |                 |  |
|  | 102<br>103   |  |          |  |  |  | L  |              |          |                 |  |
|  | 104<br>105   |  |          |  |  |  |  |              |          | _               |  |
|  | 105  |  |          |  | _  |  |  |              |          |                 |  |
|  | 106  |  |          |  |  |  |  |              |          |                 |  |
|  | 106<br>107<br>108  |  |          |  |  |  |  | _            |          | $\Box$          |  |
|  | 108  |  |          |  |  |  |  |              | L        | $\dashv$        |  |
|  | 109  | <u> </u>   |          |  |  | <u> </u>   |  | _            |          | $\dashv$        |  |
|  | 110  |  |          | ļ  |  |  | _  | _            |          | Н               |  |
|  | 111  |  |          |  |  |  |  | _            |          | Н               |  |
|  | 112  |  |          | -  |  | -  | _  | _            |          | Н               |  |
|  | 113  |  |          | _  |  |  |  |              |          | -               |  |
| <b></b>  | 114  |  | -        | -  |  | $\vdash$   | $\vdash$   | <u> </u>     | -        | -               |  |
| <del> </del>                                     | 110<br>111<br>112<br>113<br>114<br>115<br>116                      | H  |          | $\vdash$   | -  | $\vdash$   | $\vdash$   | <del> </del> |          | $\vdash$        |  |
|  | 117  |  |          | $\vdash$   |  | $\vdash$   | $\vdash$   |              |          | -               |  |
|  | 117<br>118<br>119  |  | _        |  |  | $\vdash$   | $\vdash$   |              |          | -               |  |
|  | 119  | _  |          |  | $\vdash$   | $\vdash$   | <del> </del>                                     |              |          |                 |  |
|  | 120  |  | _        | <u> </u>   | $\vdash$   | $\vdash$   |  |              | -        | Н               |  |
| <u> </u>   | 121  |  |          | <del>                                     </del> |  | _  |  | _            |          | $\Box$          |  |
|  | 122  |  |          |  |  |  |  |              |          | П               |  |
|  | 123  |  |          |  | _  |  |  |              |          |                 |  |
|  | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |  |          |  | <u> </u>   |  |  |              |          | П               |  |
|  | 125  |  |          |  | _  |  |  |              |          |                 |  |
|  | 126  |  |          |  |  |  |  |              |          |                 |  |
|  | 127  |  |          |  |  |  |  |              |          |                 |  |
|  | 128  |  |          |  |  |  |  |              |          |                 |  |
|  | 129  |  |          |  |  |  |  |              |          |                 |  |
|  | 130  |  |          |  |  |  |  |              |          |                 |  |
|  | 131  |  |          | Ĺ  |  |  |  |              |          |                 |  |
|  | 132  |  |          |  |  |  | <u> </u>   |              |          |                 |  |
|  | 133  |  |          |  |  |  |  |              | _        | Щ               |  |
|  | 134  | <u></u>  | _        | <u> </u>   | _  | <u> </u>   | _  | <u> </u>     | _        | Ш               |  |
|  | 132<br>133<br>134<br>135   |  | _        | _  | _  | <u> </u>   | _  | _            | <u> </u> | Ш               |  |
|  | 136  | <u></u>  | <u> </u> | -  | <u> </u>   | <u> </u>   | ļ  | <u> </u>     | <u> </u> | Ш               |  |
|  | 137<br>138<br>139  | <u> </u>   | <u> </u> | -  |  | <del> </del>                                     | _  | <u> </u>     |          | Н               |  |
| <u> </u>   | 138  |  | ├-       | ├  |  | -  |  | <b> -</b> -  | -        | Н               |  |
| <del> </del>                                     | 139  | _  | ├        |  |  |  | -  | -            | ├        | Н               |  |
| <u> </u>   | 140<br>141   | $\vdash$   | $\vdash$ | <del> </del>                                     |  | ├  |  | ├-           | ├        | Н               |  |
|  | 142  | $\vdash$   | $\vdash$ | -  | ├  | ├  | ├  | -            | ├-       | $\vdash\vdash$  |  |
|  | 143  | -  | -        | $\vdash$   | -  | ├  | -  | -            | $\vdash$ | $\vdash \vdash$ |  |
| <del>                                     </del> | 144  |  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | ├            | ├        | $\vdash \vdash$ |  |
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| -  | 147  | $\vdash$   | $\vdash$ | -  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | 一            | $\vdash$ | $\vdash \vdash$ |  |
|  | 148  | <del>                                     </del> | ┢        |  |  |  | $\vdash$   |              | t        | Н               |  |
|  | 149  | $\vdash$   | ┢        | $\vdash$   | 1  |  |  | $\vdash$     |          | H               |  |
|  | 150  | <del>                                     </del> |          | <u> </u>   | <del>                                     </del> | T  |  | Τ            |          | Н               |  |
|  |  |  |          |  |  |  |  |              |          |                 |  |